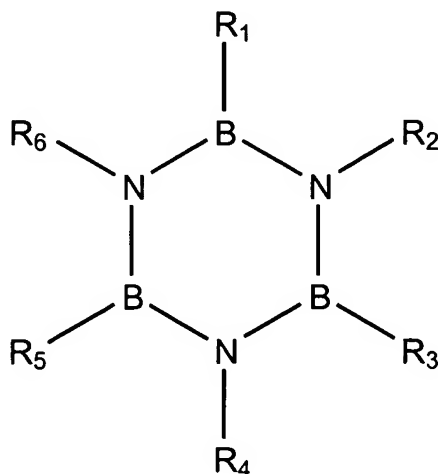


**What is claimed is:**

1. An electroluminescent device comprising an electroluminescent material sandwiched between electrodes, wherein the electroluminescent material comprises at least one borazine-containing entity represented by formula I,



I

wherein R<sub>1</sub> – R<sub>6</sub> are independently selected from the group consisting of metal; an optionally substituted borazine ring or part thereof; hydrogen; halogen; hydroxyl; unsubstituted or substituted alkyl group, cycloalkyl group, aryl group, acyl group, alkoxy group, acyloxy group, amino group, acylamino group, aralkyl group, cyano group, carboxyl group, thio group, vinyl group, styryl group, aminocarbonyl group, carbamoyl group, aryloxycarbonyl group, phenoxycarbonyl group, and alkoxycarbonyl group, with the substituents being selected from the group consisting of metals, hydrogen, halogen, hydroxyl, donor groups and acceptor groups; and wherein the substituents together with the group on which they are substituted can form a ring.

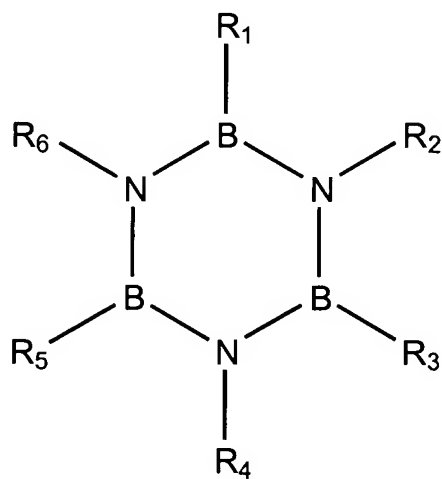
2. The electroluminescent device according to claim 1, wherein the R<sub>1</sub> to R<sub>6</sub> groups of the borazine-containing entity are independently selected from the group

consisting of hydrogen, phenyl, diphenyl, diphenylamino, C<sub>1-4</sub> alkyl, and naphthyl or adjacent groups are linked so as to form a ring.

3. The electroluminescent device according to claim 2, wherein R<sub>1</sub>, R<sub>3</sub> and R<sub>5</sub> of the borazine-containing entity are the same and R<sub>2</sub>, R<sub>4</sub> and R<sub>6</sub> are the same.
4. The electroluminescent device according to claim 3, wherein one of R<sub>1</sub> and R<sub>2</sub> of the borazine-containing entity is hydrogen and the other is phenyl or diphenylamino.
5. The electroluminescent device according to claim 3, wherein one of R<sub>1</sub> and R<sub>2</sub> is methyl and the other is phenyl, diphenyl, diphenylamino or naphthyl.
6. The electroluminescent device according to claim 1, wherein the borazine-containing entity is disposed in at least one layer selected from the group consisting of hole-injection layer, hole-transporting layer, electron-injection layer, electron-transporting layer, emissive layer comprising of a single emitter or host with one or more emissive dopant(s), hole-blocking layer and electron-blocking layer.
7. The electroluminescent device according to claim 1, wherein the device has a single layer between the electrodes.
8. The electroluminescent device according to claim 1, wherein the device has two layers between the electrodes.
9. The electroluminescent device according to claim 1, wherein the device has more than two layers between the electrodes.
10. The electroluminescent device according to claim 1, wherein the electroluminescent material comprises an emitting layer which comprises an

emitter and a host therefore in which the host comprises the borazine-containing entity.

11. The electroluminescent device of claim 1 incorporated in a flat panel display.
12. The electroluminescent device of claim 1, wherein the electroluminescent material comprises an emitting layer containing 8-hydroxyquinoline aluminum or 2,2',2''-(1.3.5-benzenetriyl)tris[1-phenyl-1H-benzimidazole]).
13. A borazine-containing entity represented by formula I,



wherein  $R_1 - R_6$  are independently selected from the group consisting of metal; hydrogen; halogen; hydroxyl; unsubstituted or substituted alkyl group, cycloalkyl group, aryl group, acyl group, alkoxy group, acyloxy group, amino group, acylamino group, aralkyl group, cyano group, carboxyl group, thio group, styryl group, aminocarbonyl group, carbamoyl group, aryloxycarbonyl group, phenoxycarbonyl group, and alkoxycarbonyl group, with substituents selected from the group consisting of metals, hydrogen, halogen, hydroxyl, donor groups and acceptor groups; and wherein the substituents together with the group on

which they are substituted can form a ring; provided that when R<sub>1</sub>, R<sub>3</sub> and R<sub>5</sub> are the same and R<sub>2</sub>, R<sub>4</sub> and R<sub>6</sub> are the same, the following combinations are not simultaneously present: R<sub>1</sub> is phenyl when R<sub>2</sub> is hydrogen, R<sub>1</sub> is chloro when R<sub>2</sub> is hydrogen or ethyl, R<sub>1</sub> is alkyl or aryl or substituted amino or phenyl when R<sub>2</sub> is phenyl, R<sub>1</sub> is hydrogen when R<sub>2</sub> is alkyl, aryl or alkylaryl.

14. A borazine-containing entity according to claim 13, wherein at least one of R<sub>1</sub> to R<sub>6</sub> comprise an aromatic moiety.
15. A borazine-containing entity according to claim 14, wherein the R<sub>1</sub> to R<sub>6</sub> groups are independently selected from the group consisting of hydrogen, phenyl, diphenyl, diphenylamino, C<sub>1-4</sub> lower alkyl, and naphthyl or adjacent groups are linked so as to form a ring.
16. A borazine-containing entity according to claim 13, wherein R<sub>1</sub>, R<sub>3</sub> and R<sub>5</sub> are hydrogen and R<sub>2</sub>, R<sub>4</sub> and R<sub>6</sub> are phenyl.
17. A borazine-containing entity according to claim 13, wherein R<sub>1</sub>, R<sub>3</sub> and R<sub>5</sub> are diphenylamino and R<sub>2</sub>, R<sub>4</sub> and R<sub>6</sub> are hydrogen.
18. A borazine-containing entity according to claim 13, wherein one of R<sub>1</sub> and R<sub>2</sub> is methyl and the other is phenyl, diphenyl, diphenylamino or naphthyl.